

FIGURE 4

Figure 1 consists of 12 sub-graphs labeled (a) through (l), each showing the growth of *E. coli* O157:H7 in ground beef under different conditions. The y-axis for all graphs is  $\log_{10}$  CFU/g, ranging from 0 to 10. The x-axis is time in hours, ranging from 0 to 24. The graphs show various growth curves, including control, heat treatment, and different chemical treatments.

- (a) Control: Shows a steady increase in bacterial count from approximately  $10^1$  to  $10^8$  CFU/g over 24 hours.
- (b) Heat treatment: Shows a decrease in bacterial count from approximately  $10^1$  to  $10^0$  CFU/g over 24 hours.
- (c) Chemical treatment: Shows a decrease in bacterial count from approximately  $10^1$  to  $10^0$  CFU/g over 24 hours.
- (d) Chemical treatment: Shows a decrease in bacterial count from approximately  $10^1$  to  $10^0$  CFU/g over 24 hours.
- (e) Chemical treatment: Shows a decrease in bacterial count from approximately  $10^1$  to  $10^0$  CFU/g over 24 hours.
- (f) Chemical treatment: Shows a decrease in bacterial count from approximately  $10^1$  to  $10^0$  CFU/g over 24 hours.
- (g) Chemical treatment: Shows a decrease in bacterial count from approximately  $10^1$  to  $10^0$  CFU/g over 24 hours.
- (h) Chemical treatment: Shows a decrease in bacterial count from approximately  $10^1$  to  $10^0$  CFU/g over 24 hours.
- (i) Chemical treatment: Shows a decrease in bacterial count from approximately  $10^1$  to  $10^0$  CFU/g over 24 hours.
- (j) Chemical treatment: Shows a decrease in bacterial count from approximately  $10^1$  to  $10^0$  CFU/g over 24 hours.
- (k) Chemical treatment: Shows a decrease in bacterial count from approximately  $10^1$  to  $10^0$  CFU/g over 24 hours.
- (l) Chemical treatment: Shows a decrease in bacterial count from approximately  $10^1$  to  $10^0$  CFU/g over 24 hours.

6/6

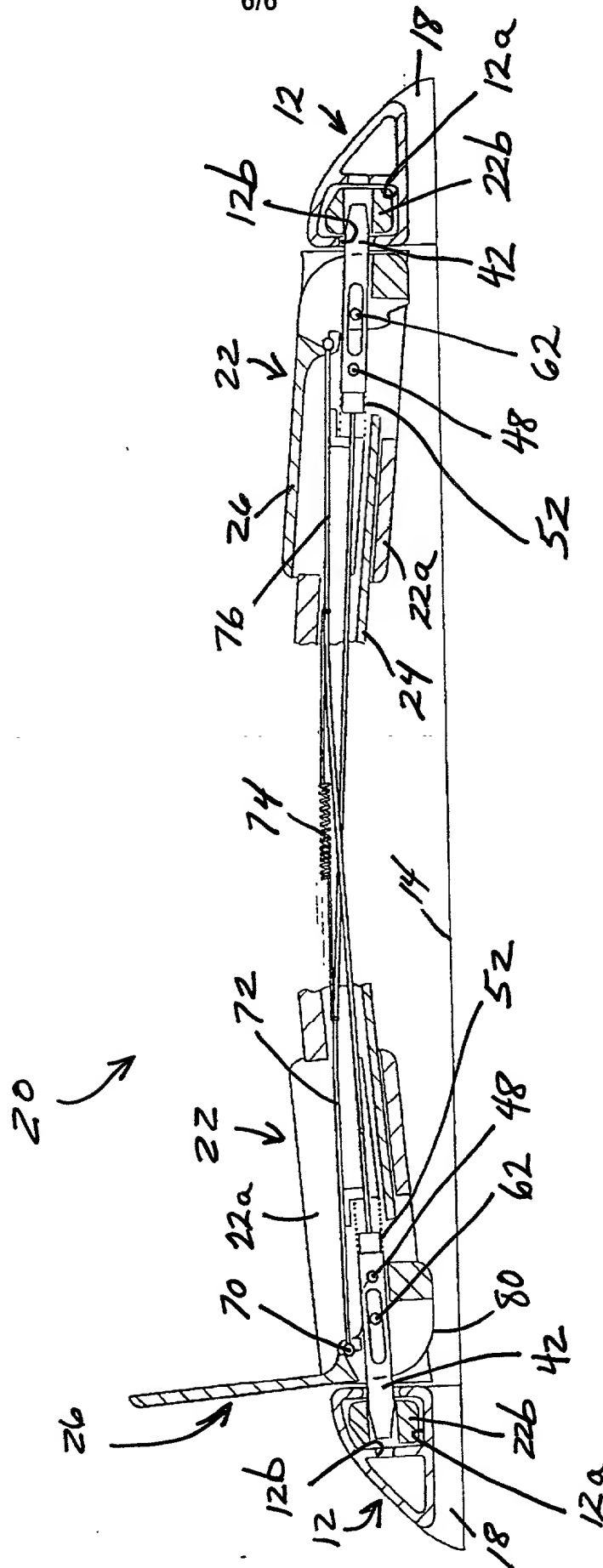


FIGURE 6